

## UNITED STATES DEPARTMENT OF COMMERCE

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PAT. & T.M. OFFICE BOARD OF PATENT APPEALS AND INTERFERENCES Patentees: Dominique Guyomard et al.

Serial No.: 07/871,855

Filed: 04/21/92, now Patent No.

5,192,629 issued 03/09/93

For: High-Voltage-Stable Electrolytes

LI1+XMN204/Carbon Secondary

Batteries

Accorded Benefit of: None

The case referred to above has been forwarded to the Board of Patent Appeals and Interferences because it is adjudged to interfere with other cases hereafter specified. Attention is directed to the fact that this interference is declared pursuant to 37 CFR 1.601 et seq., effective February 11, 1985 (49 F.R. 48416. 1050 O.G. 385). The interference is designated as No.103,568.

By direction of the Commissioner of Patents and Trademarks and as required by 35 USC 135(c), notice is hereby given the parties of the requirement of the law for filing in the Patent and Trademark Office a copy of any agreement "in connection with or in contemplation of the termination of the interference."

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The cases involved in this interference are:

## Junior Party

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Serial No.: 07/871,855, filed 04/21/92, now Patent No.

5,192,629 issued 03/09/93

For: High-Voltage-Stable Electrolytes For LI<sub>1+x</sub>MN<sub>2</sub>O<sub>4</sub>/Carbon

Secondary Batteries

Assignees: None

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Accorded Benefit of: None

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Serial No.: 08/025,239 filed 03/02/93

For: Non-Aqueous Electrolyte Cell

Assignees: None

Attorneys of Record: Ronald J. Kubovcik, Charles F. Schill,

Lance W. Chandler and Peter B. Martine

Associate Attorney: None

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Accorded Benefit of: U.S. Serial No. 07/769,401, filed 10/01/91, Japan 2-401667, filed 12/12/89

Address: Adduci, Mastriani, Schaumberg & Schill 1140 Connecticut Ave., N.W., Suite 250 Washington, D.C. 20036

## Count 1

A non-aqueous electrolyte cell comprising:

- (a) a positive electrode which is a metal oxide comprising at least one of manganese and cobalt;
  - (b) a negative electrode; and
- (c) a non-aqueous electrolyte consisting of a solute and an organic solvent wherein:
  - (i) the solute is LiPF<sub>6</sub> and
- (ii) the solvent consists essentially of a mixture of 30-70 vol. % of a cyclic carbonate and 70-30 vol. % of a non-cyclic carbonate, or about 95 non-cyclic:5 cyclic carbonate to 20 non-cyclic: 80 cyclic carbonate.

The claims of the parties which correspond to this count are:

Guyomard et al.: Claims 1-19

Takahashi et al.: Claims 2-4; 6-14

Ronald H. Smith

Administrative Patent Judge

(703) 603-3341

RHS/mtc

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